

# Converting Colors

XYZ(74.6774, 79.8484, 73.1765)

Have a look what the booklet for  
XYZ(74.6774, 79.8484, 73.1765)  
contains.

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# Color

**XYZ(74.8754, 80.0785,  
73.1384)**

# Conversions

## Conversions Part 1

Format	Color
Hex	<a href="#">EBE8D3</a>
RGB	<a href="#">235, 232, 211</a>
RGB Percent	<a href="#">92%, 91%, 83%</a>
CMY	<a href="#">0.0784, 0.0902, 0.1725</a>
CMYK	<a href="#">0.00, 0.01, 0.10, 0.08</a>
HSL	<a href="#">53°, 38%, 87%</a>
HSV	<a href="#">53°, 10%, 92%</a>
XYZ	<a href="#">74.8754, 80.0785, 73.1384</a>
YIQ	<a href="#">230.5030, 8.5290, -5.8950</a>

# Conversions

## Conversions Part 2

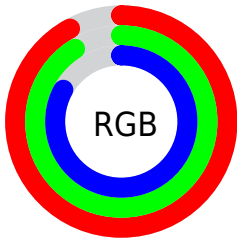
Format	Color
R <sub>Y</sub> B	214, 235, 211
Decimal	15460563
CIE Lab	91.72, -2.53, 10.57
CIE LCh	92, 10.867, 103.457
Yxy	80.0785, 0.3283, 0.3511
Android (android.graphics.Color)	4293650643 (0xFFEBE8D3)
YUV	230.5030, -9.6150, 3.9439
Hunter-Lab	89.4866, -7.2467, 14.1822

# Details

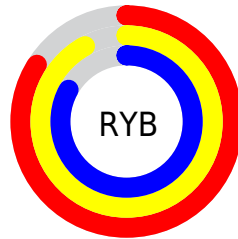
The XYZ color **74.8754, 80.0785, 73.1384** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **65.9059, 67.9390, 88.2379**, and the grayscale version is **75.6529, 79.5927, 86.6765**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.1165, 43.0347, 37.6446** is the 20% darker color. If you saturate the color by 10%, you get **71.3242, 77.3506, 58.4668**, and if you desaturate by 10%, it is **78.8755, 83.0133, 90.0865**.

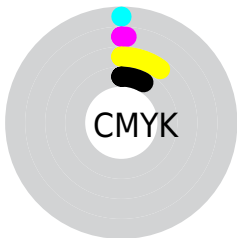
# Distribution



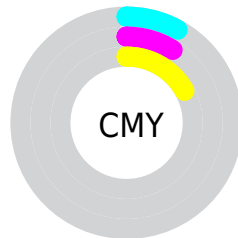
- Red (92%)
- Green (91%)
- Blue (83%)



- Red (84%)
- Yellow (92%)
- Blue (83%)



- Cyan (0%)
- Magenta (1%)
- Yellow (10%)
- Black (8%)



- Cyan (8%)
- Magenta (9%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 74.8754, 80.0785, 73.1384 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 74.8754, 80.0785, 73.1384 by changing the saturation by 10% instead.



■ 74.8754, 80.0785,  
73.1384

■ 74.8754, 80.0785,  
73.1384

466.4930,  
495.1973, 490.5780

■ 55.8046, 59.7830,  
53.5966

125.1248,  
133.4761, 125.3964

■ 40.2827, 43.2437,  
37.8883

157.0342,  
167.3469, 158.9497

■ 27.9442, 30.0764,  
25.5948

193.9538,  
206.5117, 198.0106

■ 18.4239, 19.8966,  
16.2977

236.2490,  
251.3547, 242.9977

■ 11.3562, 12.3199,  
9.5785

284.2852,  
302.2603, 294.3294

■ 6.3760, 6.9619,  
5.0184

338.4277,

■ 3.1179, 3.4383,

359.6131, 352.4243

2.1992

399.0418,  
423.7973, 417.7010

■ 1.2164, 1.3646,  
0.6739

■ 0.1193, 0.1904,  
0.0000

■ 74.8754, 80.0785,  
73.1384

■ 74.8754, 80.0785,  
73.1384

■ 71.3242, 77.3506,  
58.4668

■ 78.8755, 83.0133,  
90.0865

■ 68.1966, 74.8115,  
45.9685

■ 82.8484, 85.9567,  
106.8325

■ 65.4749, 72.4566,  
35.5399

■ 83.7087, 87.6773,  
107.1192

■ 63.1374, 70.2770,  
27.0672

■ 84.5830, 89.4259,  
107.4107

61.1602, 68.2632,  
20.4254

85.4713, 91.2025,  
107.7068

59.5167, 66.4044,  
15.4750

86.3738, 93.0073,  
108.0076

58.1768, 64.6885,  
12.0567

87.2904, 94.8405,  
108.3131

57.1042, 63.1007,  
9.9806

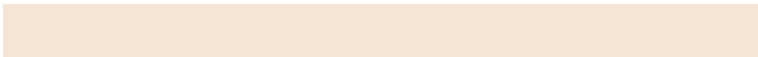
88.0713, 96.4023,  
108.5734

56.2535, 61.6469,  
8.9342

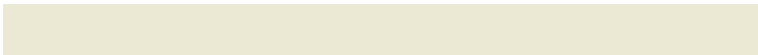
# Harmonies

## Analogous

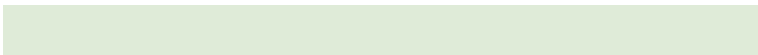
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.6440, 80.0785, 73.3283



74.8754, 80.0785, 73.1384



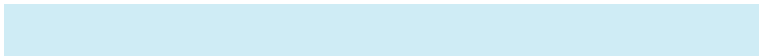
72.4955, 80.0785, 76.5475

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.8754, 80.0785, 73.1384



72.2986, 80.0785, 98.1477



81.3507, 80.0785, 91.6227

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



74.8754, 80.0785, 73.1384



65.9059, 67.9390, 88.2379

# Split Complementary

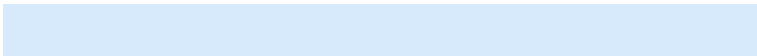
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.8473, 80.0785, 98.7799



74.8754, 80.0785, 73.1384



74.6007, 80.0785, 102.7011

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.8754, 80.0785, 73.1384



71.0324, 80.0785, 90.8021



77.3626, 80.0785, 102.9393



81.4286, 80.0785, 83.6786



# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.8754, 80.0785, 73.1384



71.4310, 80.0785, 80.5299



77.3626, 80.0785, 102.9393



80.9936, 80.0785, 94.2115

# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



74.8776, 80.0820, 73.1401



93.5387, 98.9094, 102.4405



69.7194, 69.1171, 73.4198



19.9365, 21.1091, 21.5663



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091



# Same Dimension

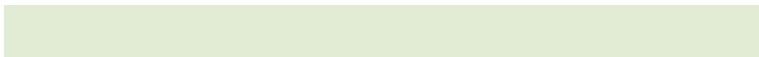
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.8776, 80.0820, 73.1401



89.3026, 95.7710, 84.5847



72.8939, 80.3218, 73.2909



16.1822, 17.2874, 16.0026



31.3722, 34.4386, 4.9938



2.5085, 2.7943, 0.4071



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



65.9059, 67.9390, 88.2379



76.7183, 78.7387, 105.7623



67.7454, 67.7723, 88.1088



14.3827, 14.8518, 19.0309



8.6441, 3.9351, 44.0469

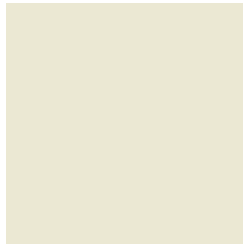


0.7279, 0.4072, 3.4751



# Previews

## White Background



This preview shows how the XYZ color 74.8754, 80.0785, 73.1384 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

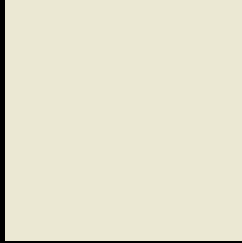
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 74.8754, 80.0785, 73.1384 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

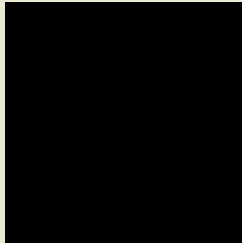
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

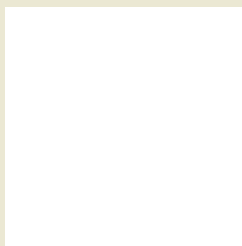
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**XYZ 74.8754, 80.0785, 73.1384**

## **Background**



This preview shows how black text looks on a background with the XYZ color 74.8754, 80.0785, 73.1384.



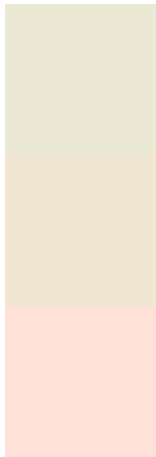
This preview shows how white text looks on a background with the XYZ color 74.8754, 80.0785,

73.1384.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



### Original Color

74.8754, 80.0785, 73.1384

### Protanopia

75.8649, 79.7720, 72.3718

### Deuteranopia

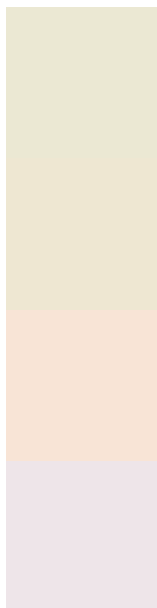
80.5599, 80.0683, 76.1745



## Tritanopia

79.8857, 80.0560, 97.6281

# Trichromacy



## Original Color

74.8754, 80.0785, 73.1384

## Protanomaly

75.4687, 79.9821, 72.4332

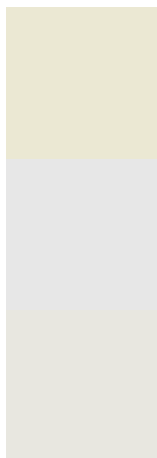
## Deuteranomaly

78.5924, 80.2983, 74.9752

## Tritanomaly

77.9872, 80.0990, 88.4411

# Monochromacy



## Original Color

74.8754, 80.0785, 73.1384

## Achromatopsia

75.9547, 79.9103, 87.0223

## Achromatomaly

75.3092, 79.6895, 81.9334

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 74.8754, 80.0785, 73.1384 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(235, 232, 211)` looks like.

```
.text, #text, p{  
    color:rgb(235, 232, 211)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(235, 232, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 232, 211) }
```

## Border

The CSS property to change the border of an element to XYZ 74.8754, 80.0785, 73.1384 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(235, 232, 211) }
```



If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(235, 232, 211) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(235, 232, 211) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 232, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 232, 211);  
box-shadow:4px 4px 4px 4px rgb(235, 232,  
211) }
```

# Background

The CSS property to change the background color of an element to XYZ 74.8754, 80.0785, 73.1384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 232, 211) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(235,  
232, 211) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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